JC20 Rec'd PCT/PTO 0 7 MAY 2002

FOR	M PTA	-1300	IIS DEDADTMENT	DE COMMERCE PATENT AND TRADEMARY OFFICE	ATTORNEY'S DOCKET NUMBER									
(REV 11-2000) "				OF COMMERCE PATENT AND TRADEMARK OFFICE	124-929									
TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)														
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 10/070,382														
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED														
		PCT/GE	300/03405	05/09/2000	07/09/1999									
TITI	TITLE OF INVENTION													
				COLLOIDAL PHOTONIC CRYST	TALS									
APF	PLICA	NT(S) F	OR DO/EO/US		ı									
				AMOS, R. et al.	···	,								
App	licant	herewit	h submits to the Unite	ed States Designated/Elected Office (DO/EO/	(US) the following items and other information:									
•1.		This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.												
2.	\boxtimes	This is	a SECOND or SUBS	SEQUENT submission of items concerning a	filing under 35 U.S.C. 371.									
3.			his is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include ems (5), (6), (9) and (21) indicated below.											
4.		The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).												
5.	A co	copy of the International Application as filed (35 U.S.C. 371(c)(2)).												
ł	a.	is	attached hereto (req	uired only if not communicated by the Interna	ational Bureau).									
	b.	☐ h												
İ	c.	is	not required, as the	application was filed in the United States Rec	ceiving Office (RO/US).									
6.		An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).												
	a.	□ is	attached hereto.											
	b.	☐ h	as been previously su	ubmitted under 35 U.S.C. 154(d)(4).										
7.		Amend	mendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))											
	a.	□ a	re attached hereto (re	equired only if not communicated by the Inter	national Bureau).									
	b.	☐ h	ave been communica	ited by the International Bureau.										
	C.	☐ h	_											
	d.	_	ave not been made a	•	·									
8.		An Eng	glish language transla	tion of the amendments to the claims under l	PCT Article 19 (35 U.S.C. 371(c)(3)).									
9.	\boxtimes			e inventor(s) (35 U.S.C. 371(c)(4)).										
10.				on of the annexes of the International Prelim	inary Examination Report under PCT									
			rticle 36 (35 U.S.C. 3		,									
	Item	ns 11 To	20 below concern	document(s) or information included:										
11.				tatement under 37 C.F.R. 1.97 and 1.98.										
12.					liance with 37 C.F.R. 3.28 and 3.31 is included.									
13.			T preliminary amend											
14.	⊠	~	-	NT preliminary amendment.										
15.			titute specification.	•										
16.			·	ey and/or address letter.										
17.			•	of the sequence listing in accordance with PC	T Rule 13ter.2 and 35 U.S.C. 1.821-1.825									
18.				olished international application under 35										
19.			•	h language translation of the international ap										
					p.100.1011 d.11d01 00 0.0.0. 104(d)(4).									
20.		Other i	tems or information.											

U.S. APPLICATION NO. (If kno		R. 1.5)	INTERNATIONAL APPLICATION NO. PCT/GB00/03405			ATTORNEY'S DOCKET NUMBER 124-929							
21. The following fe		tted:	1 01/4500/00400			C	ALCULATIONS	PTO USE ONLY					
BASIC NATIONAL F Neither internation nor international and International			•										
International preli USPTO but Intern													
International preli but international s													
International preli but all claims did													
' International preli and all claims sat													
•	\$	0.00											
Surcharge of \$130.00 fo months from the earliest	 .	\$	0.00										
CLAIMS Total Claims	NUMBER		NUMBER EXTRA	RA X		\$	0.00						
Total Claims Independent Claims	20 3	-20 = -3 =	0	x	\$18.00 \$84.00	ıΦ	0.00	┝					
MULTIPLE DEPENDEN				\$28		\$	0.00	H					
		<u> </u>	TOTAL OF AB			\$	0.00	_					
Applicant claims sn are reduced by 1/2	•	tus. See 37	CFR 1.27. The fees indica	ated above			0.00						
					JBTOTAL =	\$	0.00						
Processing fee of \$130.0 months from the earliest				+			0.00						
				OTAL NATIO	NAL FEE =	\$	0.00						
accompanied by an appi	ropriate cover	sheet (37 C	F.R. 1.21(h)). The assignr .F.R. 3.28, 3.31). \$40.00	per property	+	\$	40.00						
Fee for Petition to Revive Unintentionally Abandoned Application (\$1280.00 – Small Entity = \$640.00) TOTAL FEES ENCLOSED =													
								\$					
							refunded Charged	\$					
 a. A check in the amount of \$40.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. 14-1140 in the amount of \$ to cover the above fees. A duplicate copy of this form is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed. d. The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application. 													
			37 C.F.R. 1.494 or 1.495 h application to pending s		met a petiti	on 1	to revive (37 C	.F.F	ł. 1.137(a)				
SEND ALL CORRESPO	NDENCE TO) :		· 	Usil		what						
NIXON & VANDERHYE 1100 North Glebe Road, Arlington, Virginia 22201 Telephone: (703) 816-40 ARC:pfc	P.C. 8 th Floor -4714			SIGNATU Arthur R NAME	RE . Crawford		/						
, 10.plo													
				25,327 REGISTR	ATION NUMBE	ΞR	May 7, 2002 Date	2					